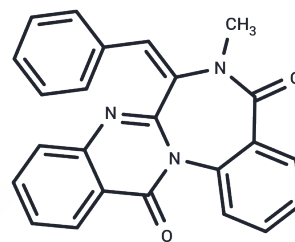


Benzomalvin B

Chemical Properties

CAS No. :	157047-97-7
Formula:	C ₂₄ H ₁₇ N ₃ O ₂
Molecular Weight:	379.419
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Benzomalvin B is a fungal metabolite originally isolated from Penicillium. It acts as an antagonist of neurokinin-1 (NK1) receptors, inhibiting binding of substance P by 24% in vitro when used at a concentration of 100 µg/mL.
Targets(IC50)	Others, Neurokinin receptor

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6356 mL	13.178 mL	26.356 mL
5 mM	0.5271 mL	2.6356 mL	5.2712 mL
10 mM	0.2636 mL	1.3178 mL	2.6356 mL
50 mM	0.0527 mL	0.2636 mL	0.5271 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481